

USER-ATTACHABLE OR DETACHABLE TELEMETRY MODULE FOR MEDICAL DEVICES

Abstract

5 An implantable, self-contained, user-attachable or detachable telemetry module
plugs into an implantable medical device to provide or supplement one or more
telemetry functions needed by a patient having certain health conditions. A user-
attachable or detachable telemetry module allows a user, such as a physician or other
care provider, to select a telemetry module and attach it to a medical device. Various
10 types of telemetry are implemented as various user-attachable or detachable telemetry
modules, each providing one or more telemetry functions suitable for a particular
patient whose condition imposes a particular demand on telemetry. A care provider
selects a user-attachable or detachable telemetry module most suited for the particular
patient, which improves healthcare cost efficiency. One example of user-attachable or
15 detachable telemetry module includes a radio-frequency (RF) transmitter-receiver
circuit module and a lead carrying an antenna. In one example, the circuit module is
away from the implantable medical device and coupled to the implantable medical
device through the lead. In another example, the circuit module directly attaches to
the implantable medical device.

"Express Mail" mailing label number: EV019094319US

Date of Deposit: January 17, 2002

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